## CITY OF NORTHAMPTON

CITY OF NORTHAMPTON MAJOR'S OFFICE CITY HALL 210 MAIN STREET NORTHAMPTON, MA 01060

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### OWNER

DIETZ

**Architects** 

**INCORPORATED** 

17 HAMPDEN ST

SPRINGFIELD, MA

(413) 733-6798

CONSULTANTS

PROJECT NO: 20859 CAD FILE: 20859a.pln DRAWN BY: IM

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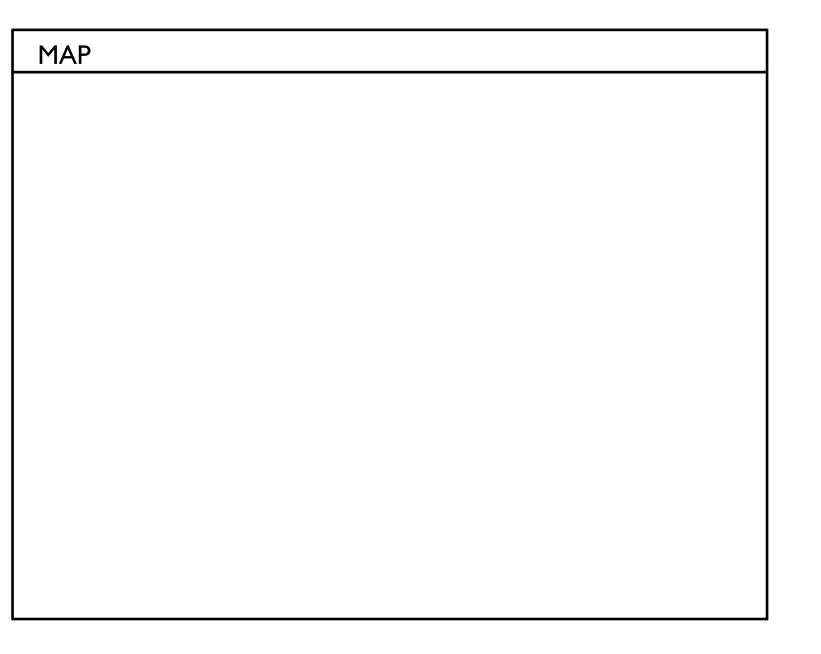
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G-001

# JAMES HOUSE

42 GOTHIC STREET, NORTHAMPTON, MA 01060-3199 PHASE I - CONSTRUCTION DOCUMENTS

**FEBRUARY 9, 2009** 



**DRAWING LIST** 

L-100

**CODE REVIEW** 

SITE PLAN

STANDARD MOUNTING HEIGHTS

BASEMENT FLOOR PLAN FIRST FLOOR PLAN SECOND FLOOR PLAN BASEMENT CEILING PLAN FIRST FLOOR CEILING PLAN

SECOND FLOOR CEILING PLAN

BASEMENT FLOOR DEMOLITION PLAN FIRST FLOOR DEMOLITION PLAN SECOND FLOOR DEMOLITION PLAN

2 3	4 5	6 7	9 10	
		CODE BEVIEW		DIETZ
		JAMES HOUSE RENOVATIONS		
Н		PHASE I	ARTICLE 10: MEANS OF EGRESS:  TABLE 1006.5 – LENGTH OF EXIT ACCESS TRAVEL	
		PROJECT DESCRIPTION  THE FOLLOWING CODE REVIEW IS APPLICABLE TO BOTH THE PHASE I AND PHASE 2 CONSTRUCTION	USE GROUP WITHOUT FIRE WITH FIRE SUPRESSION PROPOSED MAXIMUMS SUPPRESSION SYSTEM (IN FEET) (IN FEET)	СО
		PROJECTS. THE OVERALL PROJECT INTENT IS TO CONSTRUCT OFFICE AND ADULT EDUCATION CLASSROOM SPACE WITH AN ASSOCIATED DAYCARE SPACE STRICTLY FOR THE CARE OF CHILDREN WHOSE PARENTS/GUARDIANS ARE ATTENDING CLASSES WITHIN THE BUILDING. PHASE I OF THE PROJECT INCLUDES	FEET)  A, B, E, F-1, I-1, M, R, S-1  200  250  < 250	Architects
		THE BUILDOUT OF THE DAYCARE SPACE AND EDUCATION PROGRAM OFFICES. MODIFICATIONS TO THE EXISTING FIRE PROTECTION, HVAC, PLUMBING AND ELECTRICAL SYSTEMS WILL BE REQUIRED TO ACCOMMODATE THE NEW WORK AND MEP PATHWAYS WILL BE INSTALLED TO PREPARE FOR THE	TABLE 1008.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (AREA / OCCUPANTS)	INCORPORATED
		IMPLEMENTATION OF THE PHASE 2 CONSTRUCTION. THE GUARDRAIL AT THE STAIRWAY WILL BE CORRECTED TO REDUCE THE OPENINGS BETWEEN GUARDRAIL COMPONENTS TO MEET THE REQUIREMENTS OF THE MASSACHUSETTS STATE BUILDING CODE, 6 <sup>TH</sup> EDITION. CARBON MONOXIDE DETECTORS WILL BE	BUSINESS AREAS         100 GROSS         1266 SF / 13         2543 SF / 26         2361 SF / 24           CLASSROOM AREA         100 GROSS         944 SF / 10         894 SF / 9	17 HAMPDEN ST SPRINGFIELD, MA
		INSTALLED.    NET FLOOR AREA   GROSS FLOOR   NO. OF	CHILD CARE –         100 GROSS         712 SF /           PARENTS ONSITE         15 ACTUAL           MECHANICAL SPACES         300 GROSS         1045 SF / 4	01103 (413) 733-6798
G		AREA OCCUPANTS BASEMENT 3255 SF 27	TOTAL OCCUPANTS  27 41 33 OCCUPANTS OCCUPANTS OCCUPANTS	G ARCHITECT
		FIRST FLOOR         3255 SF         41           SECOND FLOOR         3255 SF         33           TOTALS         9989 SF	PLUMBING FIXTURE COUNTS	
		SUMMARY OF MASSACHUSETTS STATE BUILDING CODE, SIXTH ED. (780 CMR)	FILL IN TOILETS URINALS SINKS WATER JANITOR (EA. SEX) FOUNTAIN SINKS	<b>」</b>
		ARTICLE 3: USE GROUP CLASSIFICATION	I PER 20	
		"B" BUSINESS – SINGLE USE  ARTICLE 6: TYPES OF CONSTRUCTION		CONICHITANITS
		5B (UNPROTECTED)	** DRINKING WATER SERVICE PROVIDED BY OWNER	CONSULTANTS
F		EXISTING BUILDING CONSTRUCTION DESCRIPTION: LIGHT WOOD FRAMED WALLS, FLOOR DECKS AND ROOF THE PROJECT WILL INCLUDE REVISIONS TO THE EXISTING AUTOMATIC SPRINKLER FIRE SUPPRESSION SYSTEM.		F
		TABLE 601 – FIRE RESISTANCE RATING OF STRUCTURE ELEMENTS FOR TYPE 5B CONSTRUCTION		
		I. EXTERIOR WALLS:  LOAD BEARING  0 HR		
		LOAD BEARING 0 HR NON LOAD BEARING 0 HR  2. FIRE WALLS N/A		
		3. FIRE SEPARATION ASSEMBLIES N/A		
		4. SMOKE BARRIERS N/A		
E		5. FIRE ENCLOSURE OF EXITS, I HR REFER TO SECTION 1014.11 EXIT HALLWAYS AND STAIRWAYS		E
		6. SHAFTS N/A  7. EXIT ACCESS CORRIDORS 0 HR REFER TO TABLE 1011.4		66
		8. TENANT SEPARATIONS 0 HR		Щ (See-3
		9. INTERIOR BEARING WALLS 0 HR UNLESS REQ'D FOR FIRE SEPARATION		J. M.
		10. INTERIOR NON-LOADBEARING PARTITIONS 0 HR UNLESS REQ'D FOR FIRE SEPARATION		S S
		STRUCTURAL MEMBERS, SUPPORTING WALLS     O HR      I2. FLOOR CONSTRUCTION, INCLUDING BEAMS     O HR      UNLESS REQ'D FOR FIRE		
D		SEPARATION  13. ROOF CONSTRUCTION INCLUDING BEAMS, 0 HR		RTHAMP WATI
		TRUSSES AND FRAMING  ARTICLE 5: GENERAL BUILDING LIMITATIONS:		OF NOR OTHICS:
		HEIGHT AND AREA LIMITATIONS FOR TYPE 5B (UNPROTECTED) CONSTRUCTION		REN 25 GOITH OF 12
		TABLE 501 STREET FIRE MULTISTORY TOTAL PROPOSED  MAX. FRONTAGE SUPPRESSION REDUCTION ALLOWABLE		
		ALLOWABLE INCREASE SYSTEM INCREASE HEIGHT 30 FEET 0 20 FEET 0 50 FEET UNCHANGED		
		IN FEET   35 FEET   HEIGHT 2 STORY 0 1 STORY 0 3 STORY UNCHANGED 2 STORY		
С		STORIES		C
		SECTION 502:3: AUTOMATIC FIRE SUPPRESSION SYSTEM:		
		ALLOWABLE TOTAL AREA INCREASE = 100% 100% X 7,200 S.F. = 7,200 S.F.		ISSUE **
<u></u>		TOTAL ALLOWABLE AREA PER FLOOR = 7,200 S.F. + 7,200 S.F. = 14,400 SF	_	
8000		SECTION 503:1: AUTOMATIC FIRE SUPPRESSION SYSTEM HEIGHT MODIFICATION:  ALLOWABLE HEIGHT INCREASE = 1 STORY + 20 FEET		DAT
olu		ALLOWABLE HEIGHT INCREASE - 1 STORY + 20 FEET  ALLOWABLE HEIGHT = 3 STORY + 50 FEET  ACTUAL MAXIMUM HEIGHT = 2 STORY + 35 FEET		Σ Σ
B B				B PROJECT NO: 20859  CAD FILE: 20859a.pln
				DRAWN BY: JM CHK'D BY: KD
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House Re				CODE REVIEW
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